

## RT Antibody-Peptide Reactivity

Location	Name	MAB	Peptide	Immunogen	Species(isotype)
RT(294-302)	1.152 B3	y	PLTEEAEELE	Purified cloned RT	murine(IgG <sub>1</sub> )
	<ul style="list-style-type: none"> <li>○ [Orvell et al.(1991)]</li> <li>● 1.152 B3: Weakly positive by immunofluorescence; binding inhibits RT enzymatic activity [Orvell et al.(1991)]</li> </ul>				
RT(294-302)	1.158 E2	y	PLTEEAEELE	Purified cloned RT	murine(IgG <sub>1</sub> )
	<ul style="list-style-type: none"> <li>○ [Orvell et al.(1991)]</li> <li>● 1.158 E2: Negative by immunofluorescence; binding inhibits RT enzymatic activity [Orvell et al.(1991)]</li> </ul>				
RT(294-319)	31D6	y	PLTEEAEELELAENREILKEPVHGVY	E. coli TrpE RT fusion protein	murine(IgG <sub>1</sub> )
	<ul style="list-style-type: none"> <li>○ [Szilvay et al.(1992)]</li> <li>● 31D6: Strong inhibitor of RT, &gt; 50% inhibition [Szilvay et al.(1992)]</li> </ul>				
RT(294-319)	31G8	y	PLTEEAEELELAENREILKEPVHGVY	E. coli Trp RT fusion protein	murine(IgG <sub>1</sub> )
	<ul style="list-style-type: none"> <li>○ [Szilvay et al.(1992)]</li> </ul>				
RT(294-319)	32E7	y	PLTEEAEELELAENREILKEPVHGVY	E. coli Trp RT fusion protein	murine(IgG <sub>1</sub> )
	<ul style="list-style-type: none"> <li>○ [Szilvay et al.(1992)]</li> </ul>				
RT(294-319)	33D5	y	PLTEEAEELELAENREILKEPVHGVY	E. coli Trp RT fusion protein	murine(IgG <sub>1</sub> )
	<ul style="list-style-type: none"> <li>○ [Szilvay et al.(1992)]</li> </ul>				
RT(294-319)	5B2	y	PLTEEAEELELAENREILKEPVHGVY	E. coli Trp RT fusion protein	murine(IgG <sub>1</sub> )
	<ul style="list-style-type: none"> <li>○ [Szilvay et al.(1992)]</li> <li>● 31G8, 32E7, 33D5 and 5B2: Weak inhibitors of RT, reactive by immunofluorescence [Szilvay et al.(1992)]</li> </ul>				
RT(295-304 PV22)	?	y	LTEEAEELELA	Human infection	human(IgG)
	<ul style="list-style-type: none"> <li>○ [Grimison &amp; Laurence(1995)]</li> </ul>				
RT(350-354)	1.153 G10	y	KTGKY	Purified cloned RT	murine(IgG <sub>1</sub> )
	<ul style="list-style-type: none"> <li>○ [Orvell et al.(1991)]</li> </ul>				
RT(442-450)	1.160 B3	y	VDGAANRET	Purified cloned RT	murine(IgG <sub>1</sub> )
	<ul style="list-style-type: none"> <li>○ [Orvell et al.(1991)]</li> </ul>				

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Location	Name	MAb	Peptide	Immunogen	Species(isotype)
RT(521-531 PV22)	? ○ [Grimison & Laurence(1995)]	y	IIEQLIKKEKV	Human infection	human(IgG)
RT(532-539)	RTMAb8 ○ [Ferns et al.(1991), Tisdale et al.(1988)]	y	TTESIVIW	rec RT	murine(IgG)
RT(540-543)	RT6H ○ [Ferns et al.(1991)]	y	GKIP	rec RT	murine(IgG)
RT(540-543)	1D4A3 ○ [Ferns et al.(1991)]	y	GKIP	rec RT	murine(IgG)
RT(703-716 BH10)	C2003 ○ [DeVico et al.(1991)] ● C2003: Inhibits polymerase activity from a variety of retroviruses; RT can be protected from inhibition by preincubation with template primer [DeVico et al.(1991)]	y	VPAHKGIGGNEQVD	Peptide	rabbit(IgG)